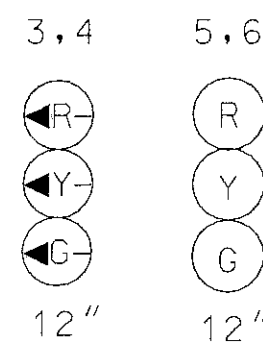
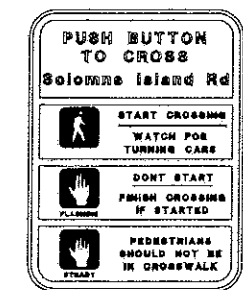
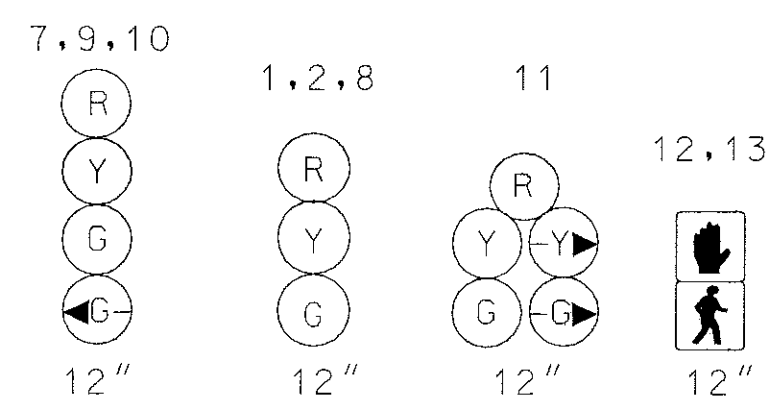


MD 2 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

PROPOSED SIGNALS

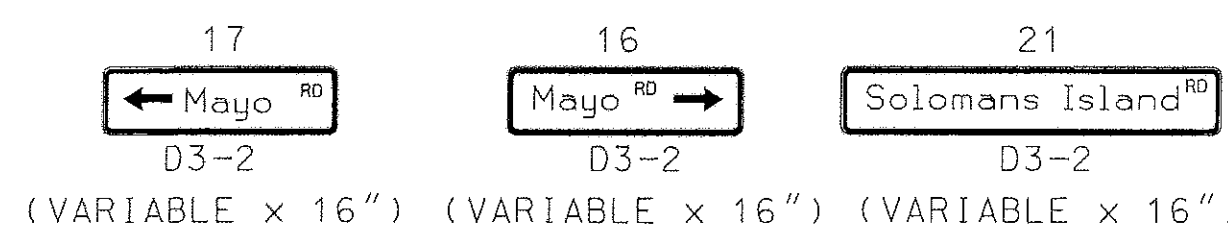


EXISTING SIGNALS



R10-12
36"X42"
INSTALL AT
PUSHBUTTONS

EXISTING SIGNS



24
SOUTH
GUIDE SHIELD
ASSEMBLY
(30" X 75")

22
NO
TURN
ON RED
R10-11b
(30" X 30")

14
Mayo Rd
D3-2
(VARIABLE X 16")

15
R3-2
(30"X30") (30" X 36")

18, 19
ONLY
R3-5(L)
(30" X 36")

20
Mayo Rd
D3-2
(VARIABLE X 16")

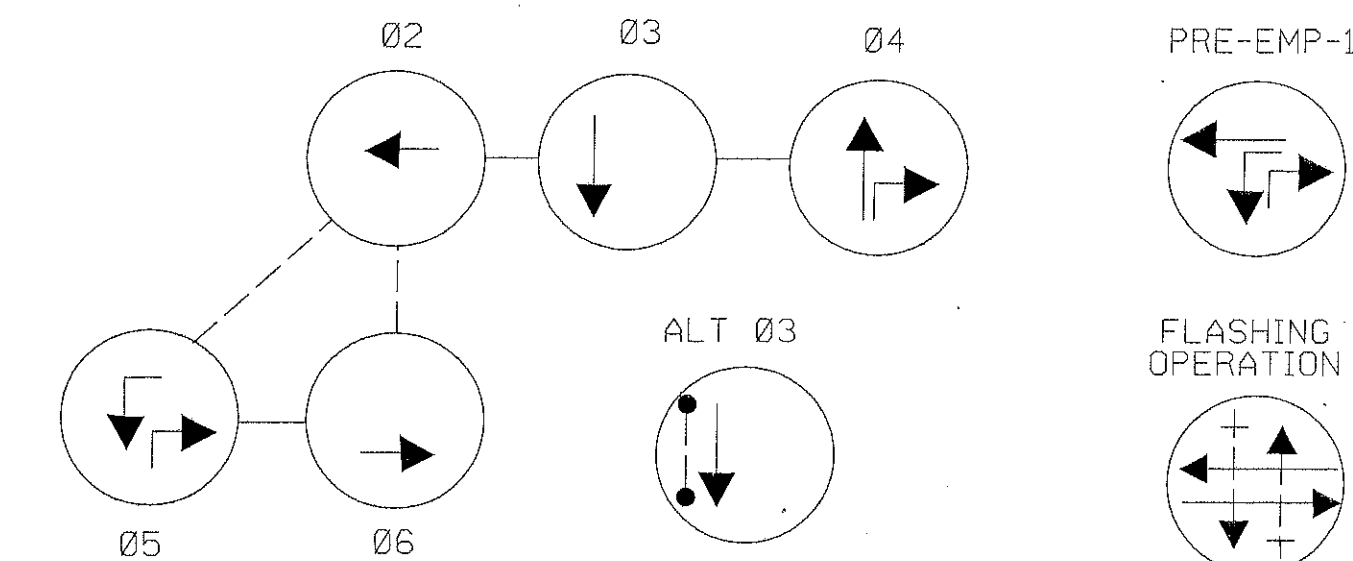
23
NORTH
GUIDE SHIELD
ASSEMBLY
(24" X 51")

25
R4-7
(18"X30") (24"X30")

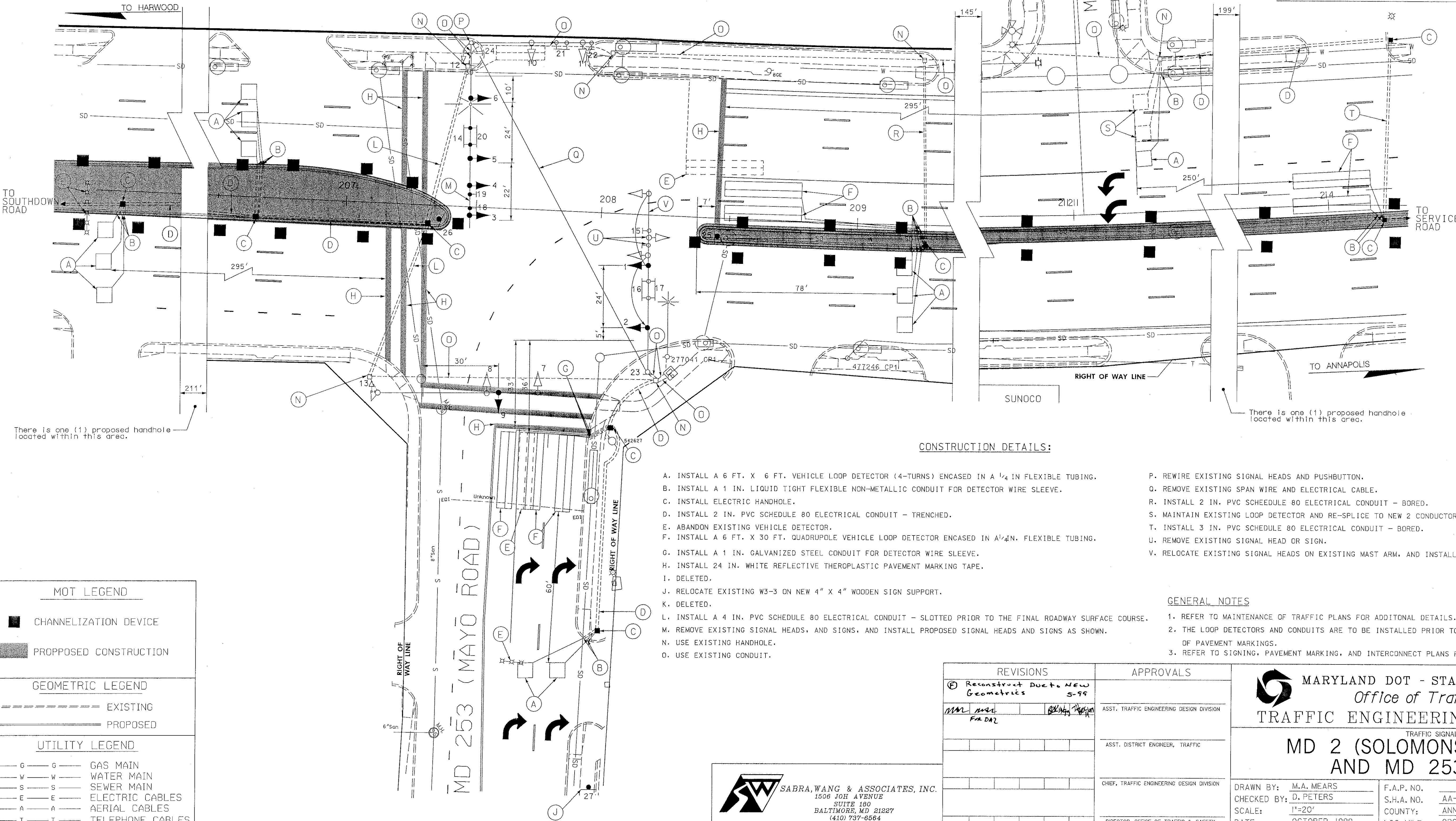
26
R4-7
(24"X30")

27
W3-3
(36"X36")
RELOCATED

NEMA PHASING



NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS:

- A. INSTALL A 6 FT. X 6 FT. VEHICLE LOOP DETECTOR (4-TURNS) ENCASED IN A 1/4 IN FLEXIBLE TUBING.
- B. INSTALL A 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE.
- C. INSTALL ELECTRIC HANDHOLE.
- D. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- E. ABANDON EXISTING VEHICLE DETECTOR.
- F. INSTALL A 6 FT. X 30 FT. QUADRUPOLE VEHICLE LOOP DETECTOR ENCASED IN A 1/4 IN. FLEXIBLE TUBING.
- G. INSTALL A 1 IN. GALVANIZED STEEL CONDUIT FOR DETECTOR WIRE SLEEVE.
- H. INSTALL 24 IN. WHITE REFLECTIVE THEROPLASTIC PAVEMENT MARKING TAPE.
- I. DELETED.
- J. RELOCATE EXISTING W3-3 ON NEW 4" X 4" WOODEN SIGN SUPPORT.
- K. DELETED.
- L. INSTALL A 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED PRIOR TO THE FINAL ROADWAY SURFACE COURSE.
- M. REMOVE EXISTING SIGNAL HEADS, AND SIGNS, AND INSTALL PROPOSED SIGNAL HEADS AND SIGNS AS SHOWN.
- N. USE EXISTING HANDHOLE.
- O. USE EXISTING CONDUIT.

- P. REWIRE EXISTING SIGNAL HEADS AND PUSHBUTTON.
- Q. REMOVE EXISTING SPAN WIRE AND ELECTRICAL CABLE.
- R. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- S. MAINTAIN EXISTING LOOP DETECTOR AND RE-SPLICE TO NEW 2 CONDUCTOR ALUMINUM SHIELDED ELECTRICAL CABLE.
- T. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- U. REMOVE EXISTING SIGNAL HEAD OR SIGN.
- V. RELOCATE EXISTING SIGNAL HEADS ON EXISTING MAST ARM, AND INSTALL PROPOSED SIGN AS SHOWN.

GENERAL NOTES

- 1. REFER TO MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL DETAILS.
- 2. THE LOOP DETECTORS AND CONDUITS ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
- 3. REFER TO SIGNING, PAVEMENT MARKING, AND INTERCONNECT PLANS FOR ADDITIONAL DETAILS.

STAGE III

SABRA, WANG & ASSOCIATES, INC.
1506 JOH AVENUE
SUITE 100
BALTIMORE, MD 21227
(410) 737-6564

| REVISIONS | APPROVALS |
|--|--|
| ① Reconstruct Due to New Geometrics 5-99 | |
| MML 10/21/99 | ASST. TRAFFIC ENGINEERING DESIGN DIVISION |
| FM 04/2 | |
| | ASST. DISTRICT ENGINEER, TRAFFIC |
| | |
| | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| | |
| | DIRECTOR, OFFICE OF TRAFFIC & SAFETY |

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 2 (SOLOMONS ISLAND ROAD)
AND MD 253 (MAYO ROAD)

| | | | |
|-----------------------|---------------------------|--------------|------------------|
| DRAWN BY: M.A. MEARS | F.A.P. NO. AA-169-502-270 | TS NO. 694 F | SHEET NO. 3 OF 4 |
| CHECKED BY: D. PETERS | S.H.A. NO. ANNE ARUNDEL | T.I.M.S. NO. | |
| SCALE: 1"=20' | COUNTY: ANNE ARUNDEL | | |
| DATE: OCTOBER, 1999 | LOG MILE: 02000217.35 | | |